## REFERENCES

- S.B.S. Abayakoon,"Seismic response of low lying areas in Colombo, Sri Lanka", IESL. Engineer, Vol. XXVIII, No.2, pp 29-36, 1998.
- [2] "Magnitude 4.1 earthquake in deep seas South of SL", News first.lk. https://www.newsfirst.lk/2021/09/12/magnitude-4-1-earthquake-in-deepseas-south-of-sri-lanka-no-tsunami-threat/ (accessed Dec.1, 2021).
- [3] Eurocode 8-Design of Structures for Earthquake Resistance-Part 1: General Rules, Seismic Actions and Rules for Buildings, EN 1998-1,2004
- [4] Csi Bridge 2016 v18.0.1. (2016).Computers and Structures,Inc.
- [5] Eurocode 8- Design of structures for Earthquake resistance-Part 2: Bridges, EN 1998-2, 2005
- [6] Australian Standard, Bridge Design, Part 2: Design Loads, AS 5100.2,2004
- Indian Standard, Criteria for Earthquake Resistant Design of Structures-Part 3 Bridges and Retaining walls, IS 1893(Part 3):2014, Bureau of Indian Standards, New Delhi, India, 2014
- [8] "List of Bridges in Sri Lanka", Wikipedia.org. https://en.wikipedia.org/wiki/list\_of\_bridges\_in\_Sri\_Lanka(accessed Dec.16, 2020).
- [9] Dr. Vinod Hosur,"Earthquake Resistant Design of Building Structures", India: Wiley, 2013
- [10] L.M.N.Peiris, "Seismic Hazard Assessment and Seismic Risk in Colombo", Risk Management Solutions, London, UK.
- [11] S.B.Uduweriya, K.K. Wijesundara, P.B.R. Dissanayake, "Seismic Risk in Colombo-Probabilistic Approach", SAITAM Research symposium on Engineering Advancements, 2013

- [12] H.N.Seneviratne ,L.R.K.Perera ,K.K.Wijesundara ,R.M.S. Dananjaya , U.de.S Jayawardena, "Seismicity around Sri Lanka from Historical records and its Engineering Implications", IESL. Engineer, Vol. LIII, No.02, pp 47-52, 2020
- [13] D.R.Weerasinghe, H.N. Seneviratne, L.C. Kurukulasuriya, K.K.Wijesundara,
  "Seismic Response of Sri Lanka using DSHA Technique", IESL.Engineer,
  Vol. LIII,No.02,pp 33-37,2020.
- S.B.Uduweriya,K.K.Wijesundara,P.B.R.Dissanayake,K.A.S.Susantha ,H.N.Seneviratne, "Seismic Response of Sri Lanka using PSHA Technique", IESL.Engineer, Vol. LIII,No.02,pp 39-45,2020.
- [15] R.M.S.Dananjaya, K.K.Wijesundara, H.N.Seneviratne, P.B.R. Dissanayake,
  " Determination of Response Spectra for Sri Lankan Cities Using Finite Difference Method", IESL. Engineer, Vol. LIII, No.03, pp 45-52, 2020.
- [16] H.N.Seneviratne,K.K.Wijesundara, L.R.K.Perera, P.B.R.Dissanayake, "A Macro Seismic Hazard Zonation for Sri Lanka", IESL. Engineer, Vol. LIII, No.03, pp 37-44, 2020.
- [17] Bridge Manual, Second Edition 2003, Transit New Zealand, 2003
- [18] Basil Kolias, Michael N. Fardis, Alain Pecker, "Designers' Guide to Eurocode8: Design of Bridges for Earthquake Resistance", UK: ICE Publishing, 2012
- [19] Indian Standard, Criteria for Earthquake Resistant Design of Structures-Part
  1, General provisions and Buildings, IS 1893(Part 1):2002, Bureau of Indian standards, New Delhi, India, 2002.
- [20] U.I.Aluthapala,C.S.Lewangamage, K.Baskaran, "Evaluation of Seismic Capacity of Existing Highway Bridges in Sri Lanka",M.Sc. thesis, Department of Civil Engineering, University of Moratuwa, Moratuwa, Sri Lanka,2016.
- [21] Australian Standard, Structural Design Actions, Part 4: Earthquake action, AS 1170.4,1993

- [22] C.S.Lewangamage, H.G.S.R.Kularathna, "An Approach to Seismic Analysis of (Engineered) Buildings in Sri Lanka", IESL. Engineer, Vol. XLVIII, No. 01,pp 39-48, 2015
- [23] Australian Standard, Structural Design Actions, Part 4: Earthquake Action, AS 1170.4,2007
- [24] Eurocode -1: Actions on Structures-Part 2: Traffic Loads on Bridges,EN 1991-2,2003